



Public Health and Toxicology final Exam (5/1/2020)

Select the single BEST answer:

(1 Marks Each)

1. The best definition of quality standards is :
 - a. Statement of quality expected.
 - b. Variables which measure change in quality.
 - c. Doing right things right for the first time & every time.
 - d. Customer satisfaction.
2. All the following are host factors that affect health determinants except:
 - a. Age
 - b. Nutritional factors
 - c. Occupation
 - d. Radiation
3. Biological environment that affect health determinants include all the following except:
 - a. Insects
 - b. Animals
 - c. Microbes
 - d. Vaccination
4. Which of the following is defined as epidemic?
 - a. Scattered cases of a disease
 - b. Constant presence of a disease in a certain area.
 - c. Sudden appearance of a disease in certain area .
 - d. Diseases naturally transmitted between animals and man.
5. Pareto principle states that:
 - a. 20% of the problem comes from 80% of the causes.
 - b. 80% of the problem comes from 20% of the causes.
 - c. 50% of the problem comes from 50% of causes
 - d. the trivial many and vital few describes the outcome.
6. The introduction of serum containing already formed immunoglobulin as a specific prevention is called:
 - a. Vaccines
 - b. Seroprophylaxis
 - c. Chemoprophylaxis
 - d. Chemotherapy

7. The recommended vaccine for medical and paramedical group is:
- Oral polio vaccine
 - DPT vaccine
 - TAB vaccine
 - Hepatitis B vaccine.
8. The vaccine vial monitor (when Inner Square matches the color of the outer circle) is interpreted as:
- Use the vaccine immediately
 - Expiry date has not been passed
 - Don't discard the vaccine
 - Don't use the vaccine (discard it).
9. Diseases naturally transmitted between animals and man is called :
- Latent infection
 - Exotic disease
 - Subclinical (in apparent) infection.
 - Zoonotic diseases.
10. Which of the following factors does not damage live attenuated vaccines?
- After expiry date
 - Freezing
 - Heat & sunlight
 - Disinfection and antiseptics.
11. In vaccines refrigerator; TT, DT and DPT vaccines should be kept in the:
- Top shelf
 - Middle shelf
 - Lower shelf
 - Door shelves.
12. Which of the following dimensions is not included in the WHO definition of health:
- Physical well-being
 - Occupational well-being
 - Mental well-being
 - Social well-being
13. In live attenuated vaccines which of the following is true:
- Duration of immunity is less
 - Cell mediated immunity is poor
 - There is always need for adjuvant
 - Reversion to virulence is possible.

14. Non-Communicable diseases is defined as :

- a. Organisms or substances such as bacteria, viruses, or parasites that are capable of producing diseases
- b. Disease result from infection and transmitted directly or indirectly.
- c. Entry, development multiplication of infectious agent in body of man or animal.
- d. Impairment in body function or structure that necessitates modification in person's lifestyle.

15. All the following are patterns of disease except:

- a. Sporadic
- b. Endemic
- c. Periodic
- d. Exotic

16. All the following are characters of chain of infection except:

- a. A chain of factors necessary for development & maintenance of any infectious disease in the community.
- b. Discontinuity of the chain at any link will stop of infection
- c. Mode of transmission of infection is part of chain of infection
- d. Using refrigerators is part of the chain of infection.

17. A localized epidemic of food poisoning that affects large number of students in a school:

- a. Sporadic
- b. Endemic
- c. Outbreak
- d. Epidemic

18. Quality improvement tools include all the following except:

- a. Brainstorming Tool.
- b. Fishbone Diagram.
- c. Standards
- d. Prioritization Matrix.

19. The degree to which something is successful in producing a desired result (under real circumstances) is :

- a. Efficiency
- b. Effectiveness
- c. Equity
- d. Efficacy

20. All of the following are elements of accessibility as dimension of Quality Except :

- a. Physical
- b. Cultural
- c. Functional
- d. Equity

21. **Beyond the discard point in a vaccine vial monitor means :**

- a. Allowed to use vaccine
- b. Inner square matches color of out circle
- c. inner square darker than outer circle
- d. The expiry date has not been passed

22. **BCG vaccine is stored in :**

- a. in the first shelf of vaccine refrigerator
- b. in the middle shelf
- c. in the lower shelf
- d. in fréezer compartment

23. **If windows A, B, C and D are all white this means:**

- a. use vaccine normally
- b. vaccine has been exposed to temperature $> 10^{\circ}\text{C}$ but $< 34^{\circ}$
- c. vaccine has been exposed to temperature $> 34^{\circ}$
- d. The expiry date for vaccines is reached

24. **Which of the following is defined as pandemic?**

- a) Constant presence of a disease in a certain area.
- b) Sudden appearance of a disease in certain area
- c) Epidemic spreads from one country to another in a short time
- d) Diseases naturally transmitted between animals and man.

25. **All of the following is considered characteristics of primary prevention except :**

- a. During pre-disease stage
- b. Health promotion
- c. Specific prevention
- d. Screening

Check whether the following statements are true or false: (1 Marks Each)

26. Exotic disease is a disease imported into a country e.g. imported malaria.
27. Entry, development &/or multiplication of infectious agent in body of man or animal is called pathogen.
28. Food poisoning infection is transmitted through blood borne mode of transmission
29. Influenza infection is transmitted through respiratory tract.
30. Live attenuated vaccine give IgG antibody only .
31. Health education is part of specific prevention against infections
32. A cold box is an insulated container lined with ice-packs to keep vaccines & diluents cold during transportation and /or short period storage (from 2-7 days)
33. In vaccine refrigerator we should put polio & measles vaccines in the middle shelf
34. vaccines can be kept on the door shelves
35. Vaccine vials kept in boxes labelled "use first" contain vaccines with VVMs showing more heat exposure.
36. Functional accessibility means that the service is within reach of every customer .
37. Equity is one of the quality improvement tools.
38. Communicable diseases is a disease result from infection and transmitted directly or indirectly from: Man to man, Animal to animal, Animal to man Or from environment.
39. Rehabilitation of individuals with disability is part of tertiary prevention of disease.
40. Early detection of disease is part of primary prevention.
41. Hepatitis B vaccines is a live attenuated vaccine.
42. reconstituted vaccines can be used within 6 hours in the refrigerator.
43. Dead vaccine should be given in multiple doses to give desired protection.
44. One of the criteria of the ideal vaccine that it does not need specific handling.
45. Immunity is the weapons to prevent diseases, made of microorganisms (similar to ones cause diseases) or of toxins.
46. DPT vaccine is kept in middle shelf of the refrigerator.
47. IgA immunoglobulins is one of the responses of Live vaccine

48. cold chain system is a series of transportation links during which adequate refrigeration is required to maintain the vaccine potency.
49. **value of putting** salt water bottles in the lower compartment of the refrigerator help to keep temperature cool in case of a power cut.
50. Scattered cases of a disease with unknown common source of infection is defined as outbreak.

GOOD LUCK

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